



LC-425/US
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Weitong Shi, et al. :
Application No.: 09/994,073 : Group Art Unit: NYA
Filed: November 27, 2001 :
For: ELASTOMER TOUGHENED
RADIATION CURABLE
ADHESIVE : May 16, 2002

Commissioner for Patents
Washington, D.C. 20231

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DECLARATION OF JOANN DEMARCO

Sir:

1. I am employed at Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 ("Loctite"), assignee of the subject application.

2. I have been employed at Loctite for 35 years in various capacities. From 1967-1975, I was employed as an Analytical Chemist, from 1975-1976 I was employed as a Chemist, Special Projects, from 1976-1979 I was employed as a Senior Chemist, from 1979-1990 I was employed as a Section Head, Product Development LIS, Preapplieds, and Structural Adhesives, from 1990-1998 Sr. Development Scientist, and from 1998-2002, I was employed as a Manager, Product Development of Structural

Adhesives. My current title at Loctite is Manager, Technology Development, General Industrial.

3. Prior to joining Loctite, I was employed at Plax/Monsanto Packaging Division, Bloomfield, CT from 1962-1967 as an Analytical Chemist.

4. Prior to joining Plax/Monsanto as an Analytical Chemist, I received my B.S. degree in Chemistry in 1962. I received my M.A. degree in Chemistry in 1971 from St. Joseph College, West Hartford, CT while employed by Loctite.

5. I make this Declaration in support of a property rights statement in this application, in response to a U.S. Patent and Trademark Office Communication mailed April 4, 2002 (Paper No. 2).

6. As Manager, Technology Development, General Industrial my duties are performed in accordance with Loctite's written policies and procedures.

7. I am a co-inventor of the invention embodied in this application.

8. The invention is directed to a radiation curable adhesive composition. The invention includes a) β -olefinically unsaturated ether monomer component consisting of one or more compounds having the formula: $R[O-CH=CHR^1]_n$ where R is an n-valent carbon-linked organic group R^1 is H or monovalent carbon-linked organic group and n has a value of 1 or more, b) an elastomeric polymer having a tensile strength at break of greater

than 1500 psi (10342 kPa), and an elongation at break of greater than 100%, and c) a cationic photoinitiator.

9. The invention was made and conceived while I was employed by Loctite.

10. The invention is related to the work that I am employed to perform at Loctite and was made within the scope of my employment duties.

11. The invention was made during working hours at Loctite and with the use of facilities, equipment, materials, funds, information and services of Loctite.

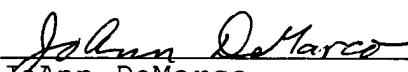
12. To the best of my knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

13. To the best of my knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention or the performance of any work under any contract of the National Aeronautics and Space Administration.

14. To the best of my knowledge and belief, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are

believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Dated this 17th day of May 2002


JoAnn DeMarco
JoAnn DeMarco

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